

STEREO MOC Status Report
Time Period: 2014:090 - 2014:096

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 091, during the DSS-55 support, turbo decoder lock was lost briefly at 1026z. This anomaly resulted in the loss of one frame of SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 092, the SSR science partitions filled as follows:
SWAVES (Part 13) remained 100% full at 0603z for 2.0 hours
- On day 093, the SSR science partitions filled as follows:
SWAVES (Part 13) remained 100% full at 0000z for 8.0 hours
SWAVES (Part 13) remained 100% full at 2104z for 2.9 hours
- On day 094, the SSR science partitions filled as follows:
SWAVES (Part 13) remained 100% full at 0000z for 18.3 hours
PLASTIC (Part 17) remained 95% full at 0832z for 9.7 hours
- On day 095, the SECCHI instrument reset at 17:12:25z. The SECCHI team reconfigured the instrument to operational mode at 2156z. This was the 34th reset of SECCHI on the Ahead spacecraft.
- The average daily SSR playback volume for Ahead was 3.1 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- None

2. The following spacecraft/instrument events occurred during this week:

- On day 092, the 61st momentum dump was executed successfully at 1530z, which imparted a delta V of 0.0742 m/sec.
- On day 093, an Uplink Tracking and Command (UPL) v11.1 Project Interface Test (PIT) was conducted with DSS-25. The purpose was to validate DSN to Project functional interfaces with UPL V11.1 software. All test objectives were met successfully. Tracking, telemetry, and command data from this support was non-committed.
- On day 095, a Return-To-Service (RTS) engineering demo was conducted with DSS-63. The purpose was to validate X-band tracking performance after the completion of the depot level maintenance (DLM) and re-grouting activities. All test objectives were met successfully. Tracking, telemetry, and command data from this support was non-committed.
- The average daily SSR playback volume for Behind was 3.8 Gbits during this week.